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FIG. 1

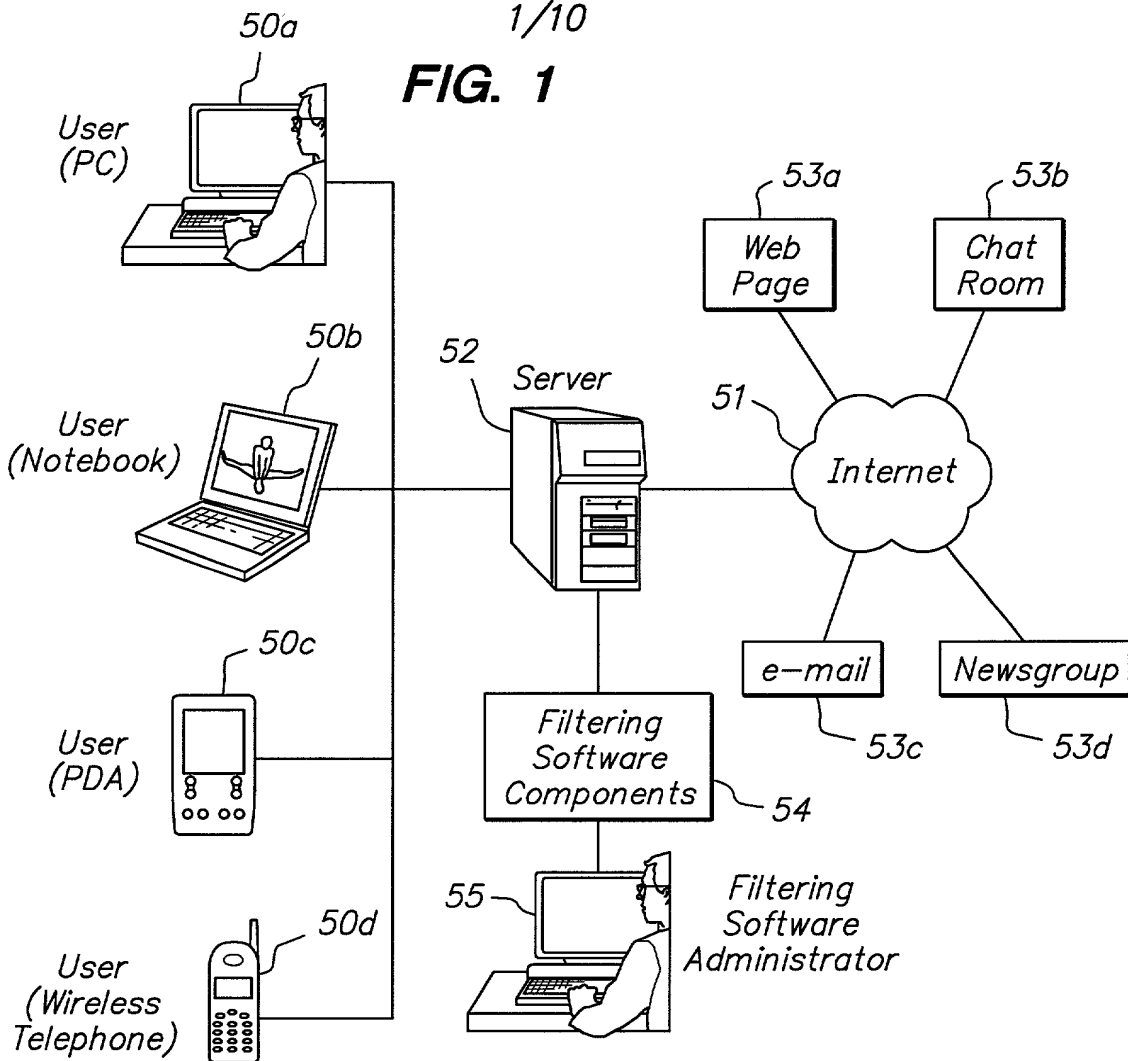
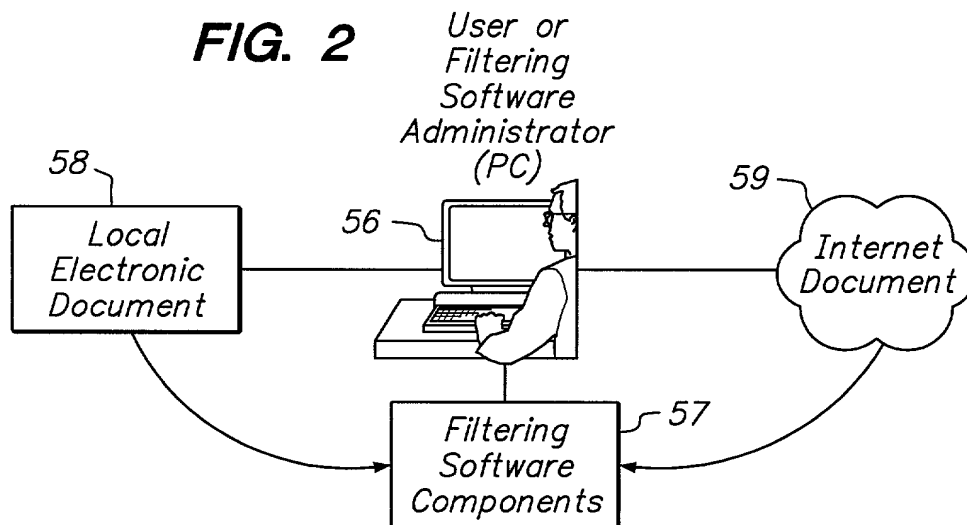


FIG. 2



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FIG. 3

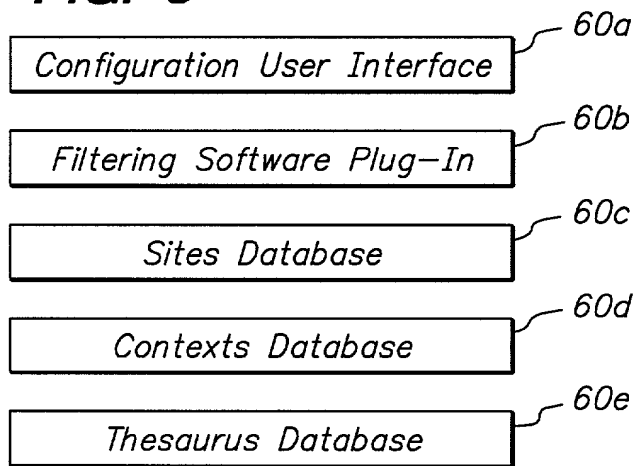


FIG. 4

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Sites	Category	Permission
www.playboy.com	Web site	Restrict
alt.sex	Newsgroup	Restrict
www.whitehouse.com	Web Site	Restrict
www.penthouse.com	Web Site	Restrict
www.filmwizards.com	Web Site	Restrict
www.whitepride.com	Web Site	Restrict
chat.yahoo.com	Chat room	Restrict

FIG. 5

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Contexts	Permission
pornography	Restrict
violence	Restrict
drugs	Restrict
racism	Restrict
child abuse	Restrict
murder	Restrict
gang	Restrict

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FIG. 6

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Word	Contexts
apple	computer, hardware, software, laptop, servers, PowerBook, iMac, iBook, ClarisWorks, AppleWorks, PowerMac, Steve Jobs, acquisitions, alliances, New York Times, TheStreet.com, Adam's apple, Fruit, New York, Computer, Red, Green, Delicious, Apple Custard, Apple Sauce, Crab Apple, Apple Butter, Apple Pie, Apple chips, Apple juice, Apple cider, industry analysis, price, volume movement
attack	violence, sports, heart, war, game, illness, chemical, agent
movie	fun, film, cinema, cinematics, cinematograph, feature, flick, motion picture, moving picture, photoplay, screenplay, show, silent, silver screen, talkie, talking picture, videotape, theater, entertainment

FIG. 7

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Password

Enter current password:

Enter new password:

Confirm password:

OK

Cancel

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FIG. 8A

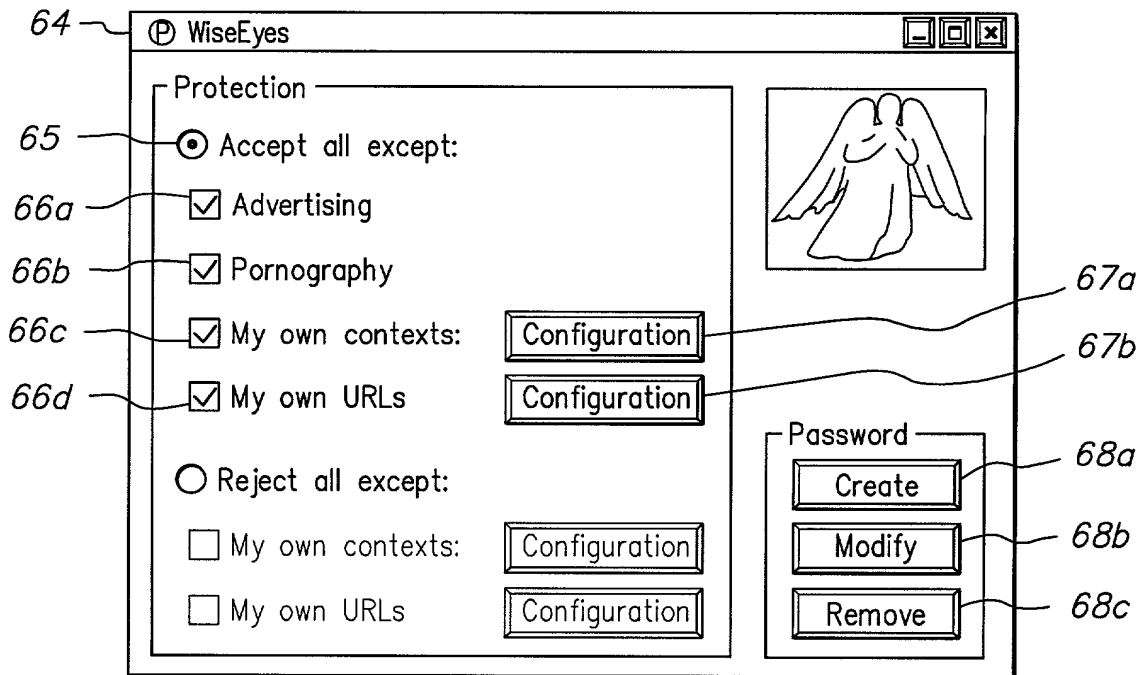
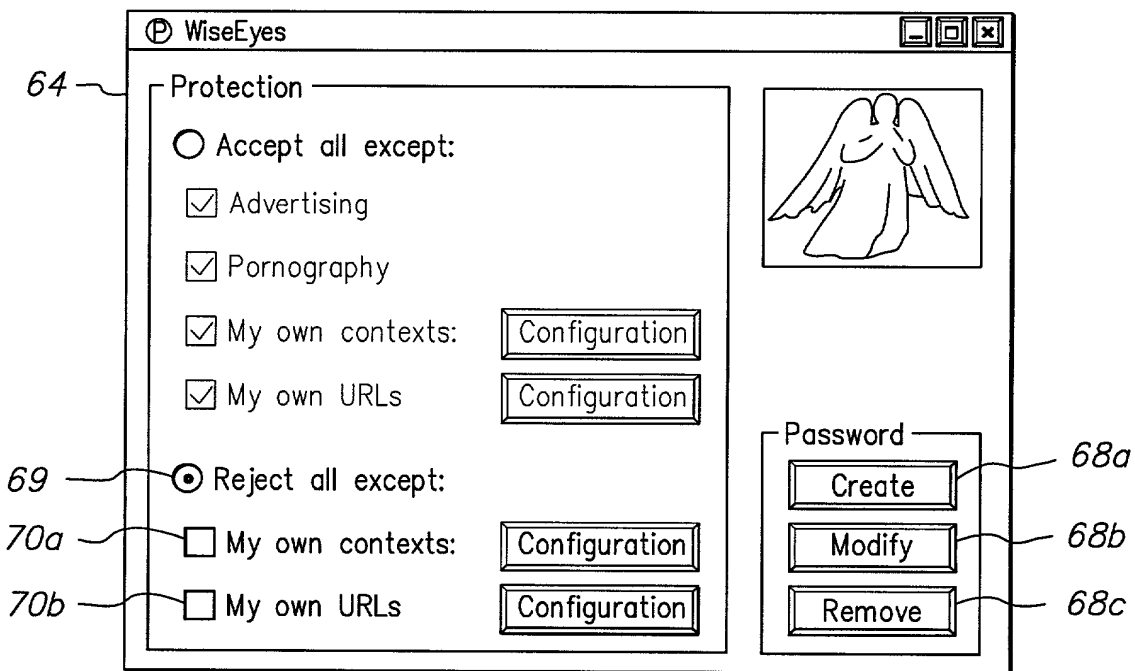


FIG. 8B



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FIG. 9

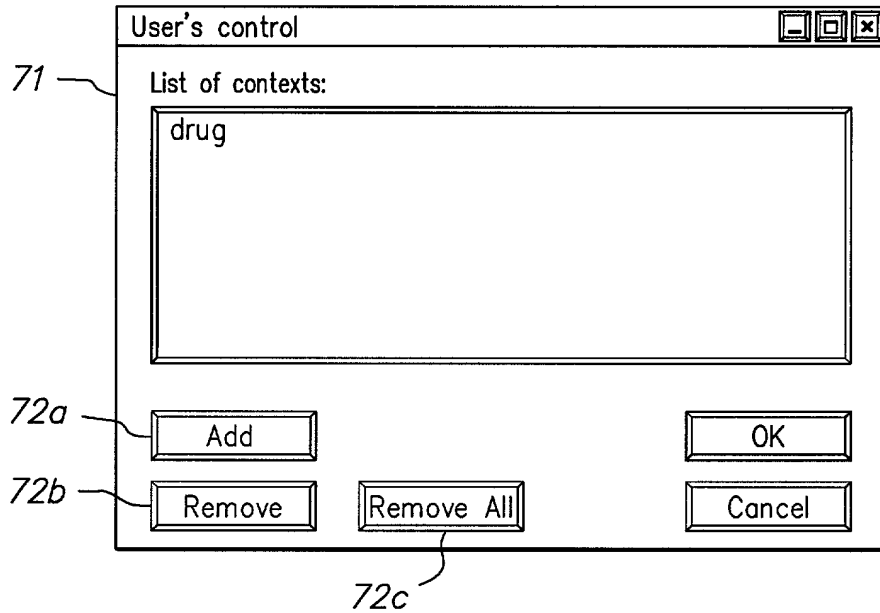
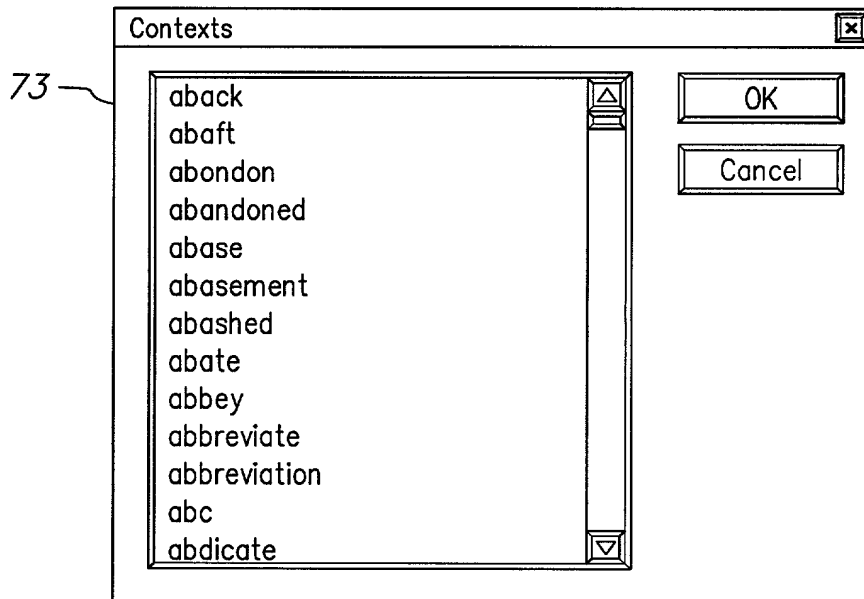


FIG. 10



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FIG. 11

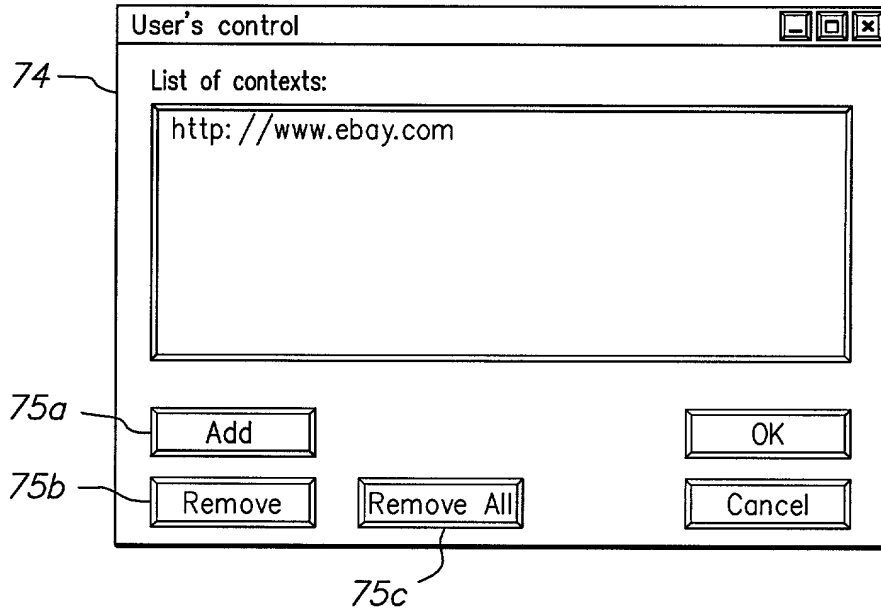
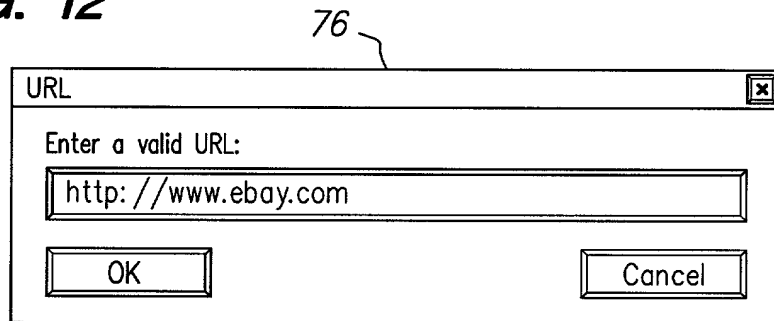
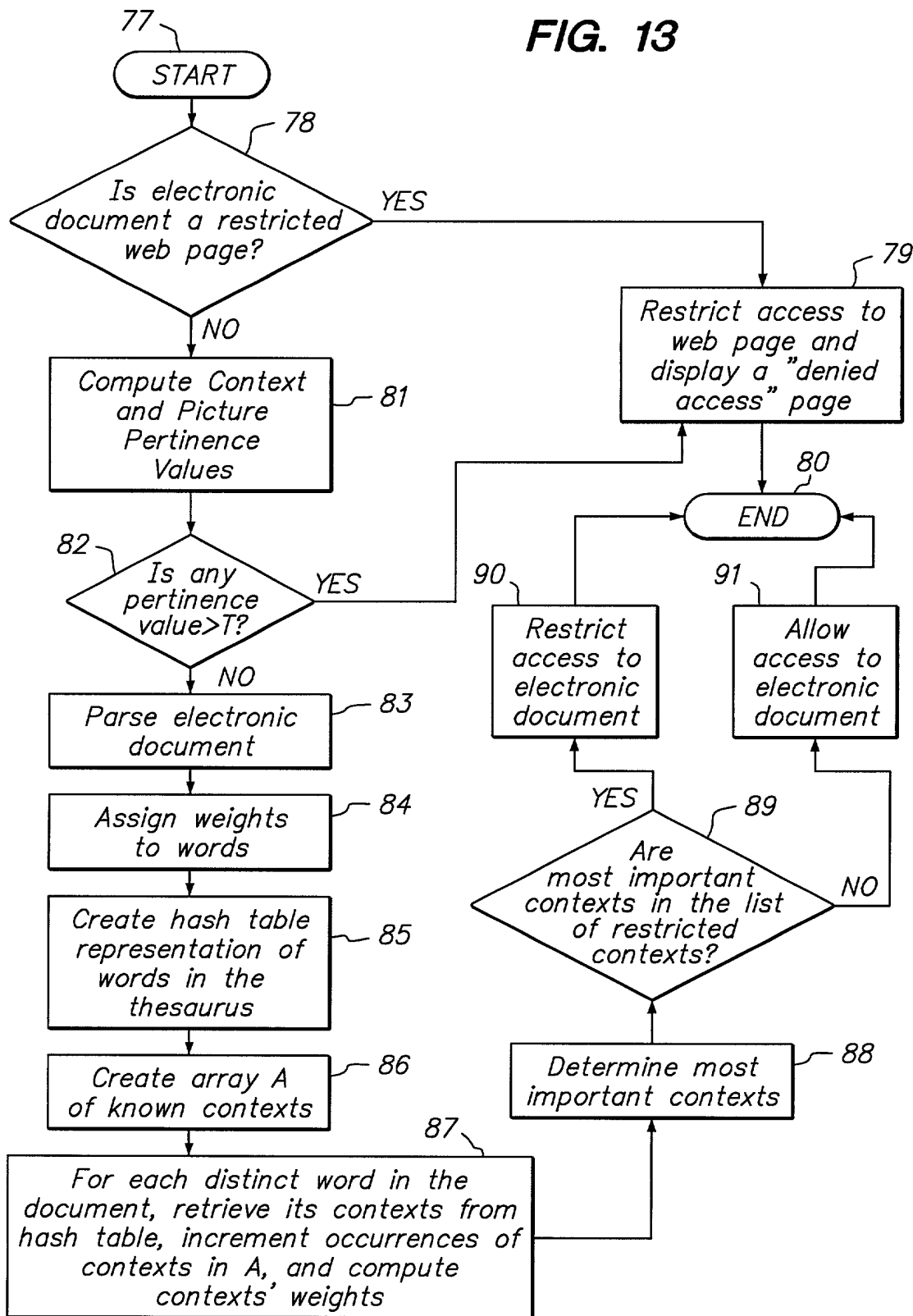


FIG. 12



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FIG. 13



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FIG. 14

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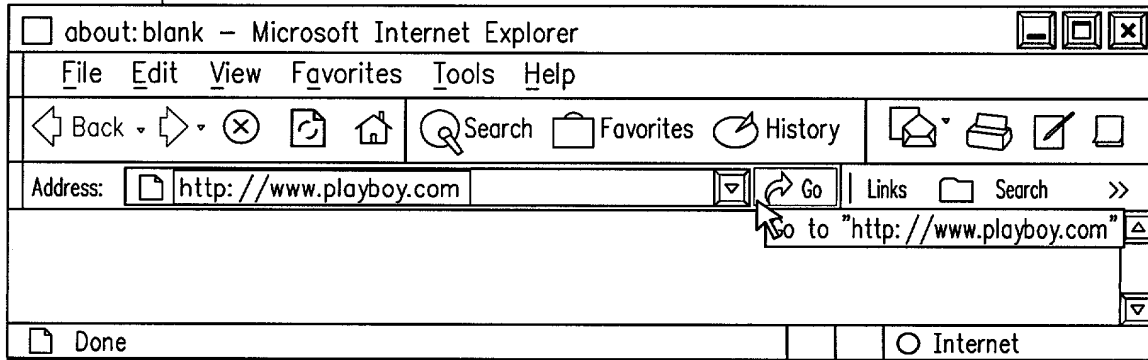
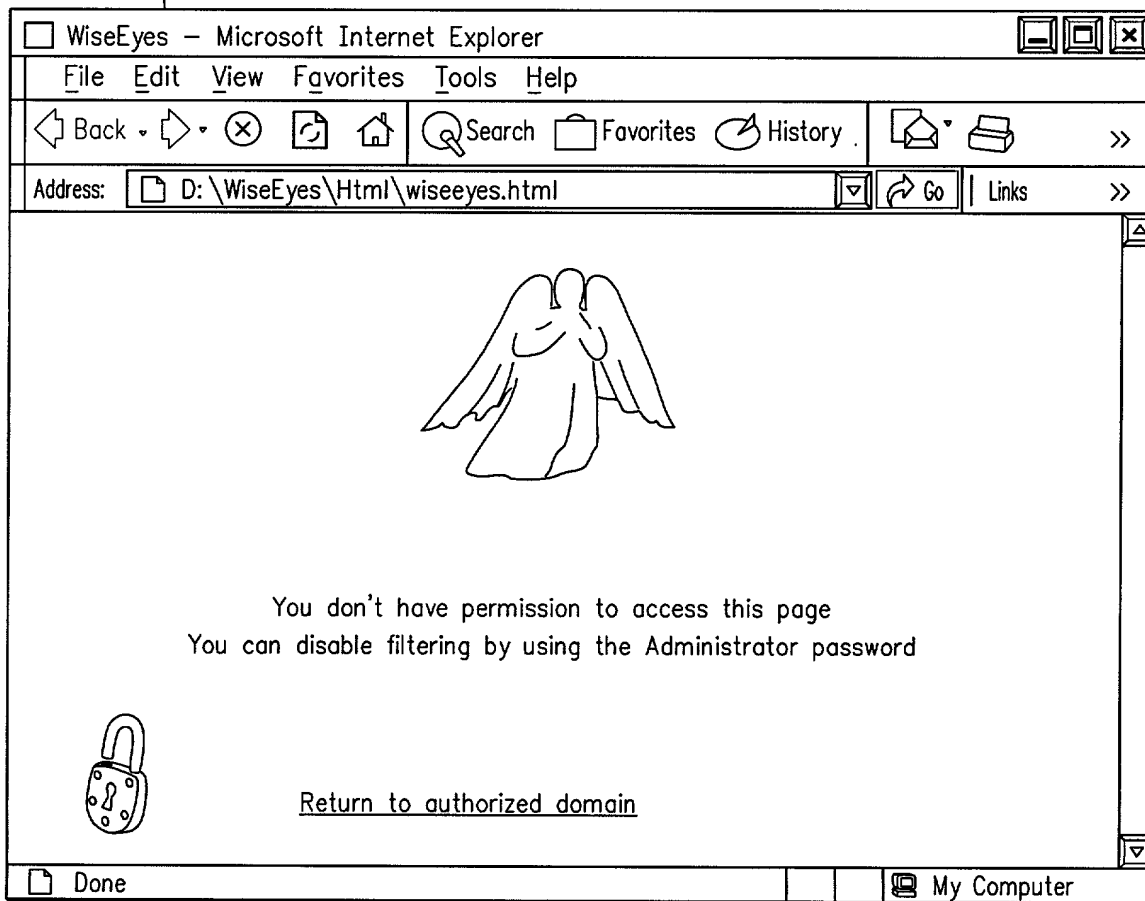


FIG. 15

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FIG. 16

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altavista - advanced search - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History

Address: Go Links Search >>

altavista:
home

boolean query: [help](#) [customize settings](#) [family filter is off](#)

sort by:

show me:

language:

from: to: dd/mm/yy

one result per web site ☐

about advanced search
advanced search
tutorial
refine your search skills.
advanced cheat sheet
start with advanced search
make this my home page.
who links to whom
the keyword link:
followed by a domain
name or a complete url

Done ☐ Internet

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FIG. 16

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FIG. 17

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Breast Cancer Symptoms

Early **breast cancer** usually does not cause **pain**. In fact, when **breast cancer** first develops, there may be no **symptoms** at all. But as the **cancer** grows, it can cause changes that women should watch for:

- A **lump** or thickening in or near the **breast** or in the underarm area.
- A change in the size or shape of the **breast**.
- A discharge from the **nipple**.
- A change in the color or feel of the skin of the **breast** **areola** or **nipple** (dimpled, puckered, or scaly).

A woman should see her **doctor** if she notices any of these changes. Most often, they are not **cancer** but only a **doctor** can tell for sure.

FIG. 18

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Word	Context Vector	Weight Vector
breast	(mammary,glands,nipple,cancer)	(1,1,4,10)
cancer	(disease,doctor,breast cancer)	(1,2,5)
doctor	(physician,hospital,patient,disease)	(1,1,1,1)
symptoms	(disease,doctor,patient)	(1,1,1)

FIG. 17